



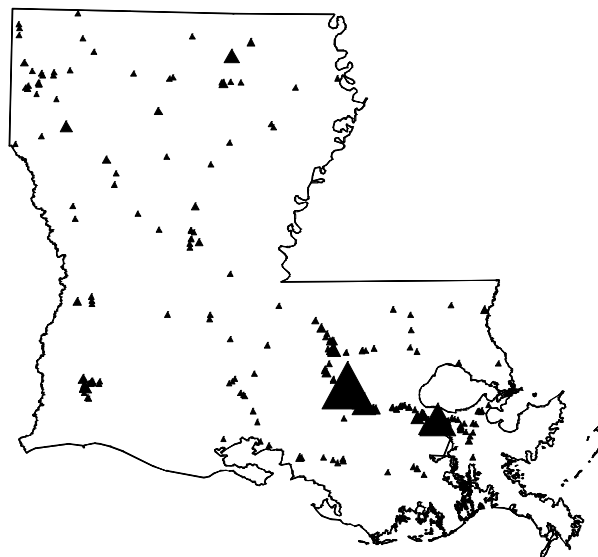
## 1997 TOXICS RELEASE INVENTORY

# LOUISIANA

### State/TRI Data

Population	4,353,646
Square Miles	43,566
Total Facilities	293
Total Forms	2,086
Form As	180

<b>National Rank for Total On- and Off-site Releases</b> (includes transfers out-of-state for disposal)	
Rank	2
Pounds	186,038,253
<b>National Rank for Total On-site Releases</b> (includes quantities released at the facility; excludes quantities transferred to other sites for disposal)	
Rank	2
Pounds	183,777,629
<b>National Rank for Total Releases within State</b> (excludes transfers out-of-state for disposal)	
Rank	3
Pounds	189,413,085
<b>National Rank for Production-related Waste Managed</b>	
Rank	2
Pounds	2,394,518,323



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Louisiana. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

### Reported Releases and Waste Management Activities

	Pounds
On-site Releases	183,777,629
Air Emissions	74,838,852
Surface Water Discharges	46,909,318
Underground Injection Class I Wells	54,243,582
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	4,256
Other On-site Land Releases	7,781,621
Off-site Releases (Transfers Off-site to Disposal)	2,260,624
<b>Total On- and Off-site Releases</b>	<b>186,038,253</b>
Recycled On-site	746,853,862
Recycled Off-site	55,863,841
Energy Recovery On-site**	528,113,029
Energy Recovery Off-site	14,703,797
Treated On-site	858,448,408
Treated Off-site	10,741,231
Quantity Released On- and Off-site	179,794,155
(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)	
<b>Total Production-related Waste Managed**</b>	<b>2,394,518,323</b>
<b>Total Non-production-related Waste Managed</b>	<b>2,576,537</b>

### Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
7664-38-2	Phosphoric acid	19,744	36,502,118	13,000	0	0	1,430,276	2,256	0	149	37,967,394
7664-41-7	Ammonia	22,357,010	674,835	9,045,486	0	0	7,630	73,532	80,854	48,290	32,239,347
67-56-1	Methanol	16,312,357	254,231	3,480,050	0	0	320,119	37,456	82,544	1,258	20,486,757
	Nitrate compounds	0	8,615,986	5,880,800	0	0	750	453,638	1,153	0	14,952,327
50-00-0	Formaldehyde	338,220	17,786	9,585,025	0	0	227	2,618	965	0	9,944,841

\*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.

\*\*One facility, Shell Chemical Co. in Geismar, LA, reported on-site energy recovery of 193,830,000 pounds of ethylene in 1997. The facility has since revised this quantity to 13,000,000 pounds. For Louisiana, this changes on-site recovery to 347,283,029 pounds and total production-related waste managed to 2,213,688,323 pounds. Louisiana's rank for total production-related waste managed remains unchanged.



## 1997 TOXICS RELEASE INVENTORY

## LOUISIANA

## Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
PCS Nitrogen Fertilizer L.P., Geismar, Ascension	1,827,636	29,775,103	0	0	0	643,860	32,246,599	0	0
Cytec Ind. Inc., Westwego, Jefferson	787,671	37,984	20,076,300	0	0	0	20,901,955	43,389	0
IMC-Agrico Co., Saint James, St James	7,246,200	4,982,487	0	0	0	364,286	12,592,973	0	0
Monsanto-Luling, Luling, St. Charles	101,309	202,521	9,629,000	0	0	0	9,932,830	0	16,000
Rubicon Inc., Geismar, Ascension	766,602	174	8,607,000	0	0	0	9,373,776	371,856	0

\*The facility ranking is based on the amounts in this column.

## Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
PCS Nitrogen Fertilizer L.P., Geismar, Ascension	0	64,000	0	0	1,325,128	0	32,246,379	33,635,507	220
Cytec Ind. Inc., Westwego, Jefferson	8,851,293	9	21,077,585	6,302	19,095,871	158	20,477,248	69,508,466	0
IMC-Agrico Co., Saint James, St James	0	0	3,582,784	0	11,553	5,888	12,592,974	16,193,199	0
Monsanto-Luling, Luling, St. Charles	0	290,000	0	0	30,985,300	47,100	9,884,610	41,207,010	0
Rubicon Inc., Geismar, Ascension	0	0	13,403,000	0	810,000	657,586	9,446,540	24,317,126	354,595

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## For More Information...

**State Contact:**  
Linda Brown  
(504) 765-0737  
Fax (504) 765-0742

**EPA Regional Contact:**  
Warren Layne  
(214) 665-8013  
Fax (214) 665-6762

**To obtain TRI data use assistance, call TRI User Support Service (TRI-US):**  
(202) 260-1531  
Fax (202) 401-2347